

<b>PCN Number:</b>	<b>20150213002</b>	<b>PCN Date:</b>	08/10/2015
<b>Title:</b>	F021 - Orderable Part Number Retirement and Replacement		
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>PCN type:</b>	P/N Retirement
<b>Dept.:</b>	Quality Services		
<b>Last date to order:</b>	02/10/2016	<b>Last date to ship:</b>	08/10/2016

### Orderable Part Number Retirement and Replacement Notification Details

#### Description of Part Number Retirement and Replacement:

Texas Instruments, Incorporated (TI) is announcing the retirement of RM48X; RM46X; RM42X current version Orderable Part Numbers. A lifetime buy is being offered with the dates given above. Replacement part numbers for these devices are shown in the Product Affected Section.

#### Design Change:

##### Errata availability

Errata	Avail RM48	Avail RM46	Avail RM42
Power-on reset during bank 7 Sector erase may corrupt other sectors (new erratum DEVICE#B041)	N/A	N/A	Yes
Reads of Bank7 may be corrupted by short glitches on nPORST pin (new erratum DEVICE#B042)	N/A	N/A	Yes
Incorrect Write to External Memory using Store-Multiple CPU instruction (erratum DEVICE#B064)	Yes	Yes	N/A
CPU write to peripheral or EMIF may be lost (new erratum DEVICE#B071)	Yes	Yes	N/A
PBIST ROM Algorithm Doesn't Execute (new erratum PBIST#4)	Yes	Yes	Yes
Change to PLL Lock Time (new erratum SWF021#44)	Yes	Yes	Yes

#### Lead time table

	RM48x	RM46x	RM42x
Errata New Revision	Avail	Avail	Avail
TMS Avail Superset *	Avail	Avail	Sep'15
TMS Sample Avail (any config)	Oct'15	Oct'15	Dec'15
Production Avail (vol. @ Leadtime )	Dec'15	Dec'15	Jan'16

\* Superset devices listed under Product Affected section.

#### Reason for Change:

PLL and F021 errata fixes

#### Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

There is no change to Form or fit of the component. There is a positive change to Function, quality and reliability of the component.

#### Changes to product identification resulting from this PCN:

Die Rev designator will change as shown in the packing example label below and is shown in the errata document for each device:

Device Family	New Die Revision
<b>RM48X</b>	<b>D</b>
<b>RM46X</b>	<b>C</b>
<b>RM42X</b>	<b>B</b>

**Example Product Shipping Label**



**Product Affected**

RM48X Part Numbers Being Retired	RM48X REPLACEMENT PRODUCTS (with new package designators)	REPLACEMENT CODES
RM48L530PGET	RM48L530DPGET	Q
RM48L530ZWTT	RM48L530DZWTT	Q
RM48L540PGET	RM48L540DPGET	Q
RM48L540ZWTT	RM48L540DZWTT	Q
RM48L550PGET	RM48L550DPGET	Q
RM48L550ZWTT	RM48L550DZWTT	Q
RM48L730PGET	RM48L730DPGET	Q
RM48L730ZWTT	RM48L730DZWTT	Q
RM48L740PGET	RM48L740DPGET	Q
RM48L740ZWTT	RM48L740DZWTT	Q
RM48L750PGET	RM48L750DPGET	Q
RM48L750ZWTT	RM48L750DZWTT	Q
RM48L930PGET	RM48L930DPGET	Q
RM48L930ZWTT	RM48L930DZWTT	Q
RM48L940PGET	RM48L940DPGET	Q
RM48L940ZWTT	RM48L940DZWTT	Q
RM48L950PGET	RM48L950DPGET	Q
RM48L950ZWTT	RM48L950DZWTT	Q
RM48L952PGET *	RM48L952DPGET *	Q
RM48L952ZWTT *	RM48L952DZWTT *	Q

  

RM46X Part Numbers Being Retired	RM46X REPLACEMENT PRODUCTS (with new package designators)	REPLACEMENT CODES
RM46L430PGET	RM46L430CPGET	Q
RM46L430ZWTT	RM46L430CZWTT	Q
RM46L440PGET	RM46L440CPGET	Q

RM46L440ZWTT	RM46L440CZWTT	Q
RM46L450PGET	RM46L450CPGET	Q
RM46L450ZWTT	RM46L450CZWTT	Q
RM46L830PGET	RM46L830CPGET	Q
RM46L830ZWTT	RM46L830CZWTT	Q
RM46L840PGET	RM46L840CPGET	Q
RM46L840ZWTT	RM46L840CZWTT	Q
RM46L850PGET	RM46L850CPGET	Q
RM46L850ZWTT	RM46L850CZWTT	Q
RM46L852PGET *	RM46L852CPGET *	Q
RM46L852ZWTT *	RM46L852CZWTT *	Q

RM42X Part Numbers Being Retired	RM42X REPLACEMENT PRODUCTS (with new package designators)	REPLACEMENT CODES
RM42L432PZT *	RM42L432BPZT *	Q

**Replacement Notes:**

- F = Similar functionality but not equivalent.
- P = Same functionality but not pin-for-pin equivalent and may not be parametrically equivalent.
- Q = Same functionality and PIN-OUT as the compared device but is NOT an exact equivalent.
- S = EXACT equivalent in functionality and parametrically to the compared device.

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative

Location	E-Mail
USA	<a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a>
Europe	<a href="mailto:PCNEuropeContact@list.ti.com">PCNEuropeContact@list.ti.com</a>
Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
Japan	<a href="mailto:PCNJapanContact@list.ti.com">PCNJapanContact@list.ti.com</a>